

# Disaggregation Summary Report

Test Date: 03/02/09

State: INDIANA

Grade: 4

## Purpose

This report describes group achievement for selected reporting populations.



English/language arts	Total Number of Students	Pass+ N	%	Pass N	%	Total Passing N	%	Did Not N	Pass %	Undetermined N	%	Mean/Median Scale Score	Standard Deviation
<b>All Students</b>	<b>78319</b>	<b>10162</b>	<b>13</b>	<b>46701</b>	<b>60</b>	<b>56863</b>	<b>73</b>	<b>19982</b>	<b>26</b>	<b>1474</b>	<b>2</b>	<b>469.5/474.9</b>	<b>66.8</b>
General Education													
TOTAL General Education	65548	9531	15	41935	64	51466	79	12943	20	1139	2	479.5/481.5	57.9
Special Education													
With accommodations	8304	111	1	2156	26	2267	27	5784	70	253	3	392.0/401.8	81.5
Without accommodations	4467	520	12	2610	58	3130	70	1255	28	82	2	465.7/470.7	66.0
TOTAL Special Education	12771	631	5	4766	37	5397	42	7039	55	335	3	418.0/425.0	84.1
Limited English Proficiency													
With accommodations	2776	15	1	1133	41	1148	41	1483	53	145	5	418.9/429.7	65.7
Without accommodations	1105	38	3	599	54	637	58	350	32	118	11	450.4/452.7	52.8
TOTAL Limited English Proficiency	3881	53	1	1732	45	1785	46	1833	47	263	7	427.5/435.7	64.0
Non-Limited English Proficiency													
With accommodations	8292	126	2	2273	27	2399	29	5636	68	257	3	394.9/403.9	81.4
Without accommodations	66146	9983	15	42696	65	52679	80	12513	19	954	1	481.0/483.1	57.5
TOTAL Non-Limited English Proficiency	74438	10109	14	44969	60	55078	74	18149	24	1211	2	471.6/477.0	66.3
Gender													
Male	39892	4861	12	22729	57	27590	69	11425	29	877	2	464.1/470.7	70.3
Female	38335	5300	14	23935	62	29235	76	8523	22	577	2	475.2/478.8	62.5
No valid information	92	1	1	37	40	38	41	34	37	20	22	433.3/442.0	59.8
SES													
Paid lunch	41020	8137	20	26195	64	34332	84	6246	15	442	1	489.8/493.3	60.1
Free or reduced lunch	37038	2018	5	20407	55	22425	61	13648	37	965	3	446.8/453.9	66.6
No valid information	261	7	3	99	38	106	41	88	34	67	26	433.9/443.0	72.3
Ethnicity													
American Indian or Alaska Native	215	36	17	122	57	158	73	52	24	5	2	470.2/474.2	70.4
Black (Not of Hispanic Origin)	9770	292	3	4832	49	5124	52	4394	45	252	3	435.6/442.0	63.6
Asian or Pacific Islander	1258	292	23	643	51	935	74	196	16	127	10	488.4/496.2	83.7
Hispanic	5635	226	4	3093	55	3319	59	2117	38	199	4	445.2/451.2	61.8
White (Not of Hispanic Origin)	57524	8942	16	35720	62	44662	78	12100	21	762	1	477.7/483.0	65.0
Multiracial	3704	368	10	2211	60	2579	70	1054	28	71	2	462.2/467.4	65.1
No valid information	213	6	3	80	38	86	40	69	32	58	27	434.6/445.0	68.2
Migrant	1	***	***	***	***	***	***	***	***	***	***	***/**	***

The cut score at Pass is 437. The cut score at Pass+ is 535.

The Lowest/Highest Scale Score Possible for English/language arts is 140/800.

Subtotal numbers are rounded within each category. Adding subtotals may not result in exactly 100%.

\*\*\* Value not computed for fewer than 10 students

# Disaggregation Summary Report

Test Date: 03/02/09

State: INDIANA

Grade: 4

## Purpose

This report describes group achievement for selected reporting populations.



Mathematics		Total Number of Students	Pass+ N	%	Pass N	%	Total Passing N	%	Did Not Pass N	Pass %	Undetermined N	%	Mean/Median Scale Score	Standard Deviation
<b>All Students</b>		<b>78319</b>	<b>13240</b>	<b>17</b>	<b>41542</b>	<b>53</b>	<b>54782</b>	<b>70</b>	<b>22414</b>	<b>29</b>	<b>1123</b>	<b>1</b>	<b>478.4/480.5</b>	<b>69.5</b>
General Education														
TOTAL General Education		65548	12269	19	36397	56	48666	74	15987	24	895	1	485.7/486.7	66.2
Special Education														
With accommodations		8247	239	3	2734	33	2973	36	5107	62	167	2	420.6/423.9	68.8
Without accommodations		4524	732	16	2411	53	3143	69	1320	29	61	1	476.3/478.5	68.3
TOTAL Special Education		12771	971	8	5145	40	6116	48	6427	50	228	2	440.4/442.4	73.6
Limited English Proficiency														
With accommodations		2837	132	5	1262	44	1394	49	1347	47	96	3	440.7/445.9	66.8
Without accommodations		1044	124	12	529	51	653	63	366	35	25	2	465.9/464.7	67.1
TOTAL Limited English Proficiency		3881	256	7	1791	46	2047	53	1713	44	121	3	447.6/451.2	67.8
Non-Limited English Proficiency														
With accommodations		8241	257	3	2807	34	3064	37	5005	61	172	2	422.3/425.7	69.0
Without accommodations		66197	12727	19	36944	56	49671	75	15696	24	830	1	487.1/488.0	65.9
TOTAL Non-Limited English Proficiency		74438	12984	17	39751	53	52735	71	20701	28	1002	1	479.9/482.0	69.3
Gender														
Male		39892	7059	18	20741	52	27800	70	11456	29	636	2	478.7/481.3	71.3
Female		38335	6175	16	20765	54	26940	70	10929	29	466	1	478.0/479.6	67.7
No valid information		92	6	7	36	39	42	46	29	32	21	23	450.3/464.0	76.1
SES														
Paid lunch		41020	10045	24	23302	57	33347	81	7348	18	325	1	499.0/499.7	65.0
Free or reduced lunch		37038	3186	9	18150	49	21336	58	14973	40	729	2	455.4/458.2	67.2
No valid information		261	9	3	90	34	99	38	93	36	69	26	445.3/449.4	67.1
Ethnicity														
American Indian or Alaska Native		215	32	15	112	52	144	67	67	31	4	2	473.0/469.3	69.4
Black (Not of Hispanic Origin)		9770	487	5	4005	41	4492	46	5065	52	213	2	436.7/439.7	67.6
Asian or Pacific Islander		1258	483	38	515	41	998	79	218	17	42	3	512.6/519.7	88.1
Hispanic		5635	507	9	2890	51	3397	60	2095	37	143	3	459.6/462.2	64.8
White (Not of Hispanic Origin)		57524	11260	20	32020	56	43280	75	13640	24	604	1	487.2/488.8	66.7
Multiracial		3704	464	13	1930	52	2394	65	1252	34	58	2	467.7/469.8	68.9
No valid information		213	7	3	70	33	77	36	77	36	59	28	440.9/445.0	67.3
Migrant		1	***	***	***	***	***	***	***	***	***	***	***/**	***

The cut score at Pass is 445. The cut score at Pass+ is 541.

The Lowest/Highest Scale Score Possible for mathematics is 185/750.

Subtotal numbers are rounded within each category. Adding subtotals may not result in exactly 100%.

\*\*\* Value not computed for fewer than 10 students

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This report describes group achievement for selected reporting populations.



Science		Total Number of Students	Pass+ N	%	Pass N	%	Total Passing N	%	Did Not Pass N	Pass %	Undetermined N	%	Mean/Median Scale Score	Standard Deviation
<b>All Students</b>		<b>78319</b>	<b>17156</b>	<b>22</b>	<b>38452</b>	<b>49</b>	<b>55608</b>	<b>71</b>	<b>21361</b>	<b>27</b>	<b>1350</b>	<b>2</b>	<b>491.2/495.3</b>	<b>60.8</b>
General Education														
TOTAL General Education		65548	15747	24	33441	51	49188	75	15287	23	1073	2	497.2/500.2	57.3
Special Education														
With accommodations		7783	402	5	2680	34	3082	40	4505	58	196	3	443.5/450.3	66.9
Without accommodations		4988	1007	20	2331	47	3338	67	1569	31	81	2	486.2/489.1	62.4
TOTAL Special Education		12771	1409	11	5011	39	6420	50	6074	48	277	2	460.3/464.6	68.4
Limited English Proficiency														
With accommodations		2713	78	3	1195	44	1273	47	1341	49	99	4	451.7/461.3	59.6
Without accommodations		1168	103	9	578	49	681	58	458	39	29	2	469.4/473.0	54.7
TOTAL Limited English Proficiency		3881	181	5	1773	46	1954	50	1799	46	128	3	457.1/464.8	58.7
Non-Limited English Proficiency														
With accommodations		7787	443	6	2740	35	3183	41	4400	57	204	3	445.7/452.0	66.6
Without accommodations		66651	16532	25	33939	51	50471	76	15162	23	1018	2	498.4/501.7	57.1
TOTAL Non-Limited English Proficiency		74438	16975	23	36679	49	53654	72	19562	26	1222	2	492.9/497.2	60.4
Gender														
Male		39892	9253	23	18674	47	27927	70	11218	28	747	2	491.0/495.6	64.1
Female		38335	7899	21	19745	52	27644	72	10107	26	584	2	491.4/495.0	57.1
No valid information		92	4	4	33	36	37	40	36	39	19	21	455.7/466.0	65.8
SES														
Paid lunch		41020	13225	32	20689	50	33914	83	6675	16	431	1	510.3/513.0	55.0
Free or reduced lunch		37038	3912	11	17685	48	21597	58	14590	39	851	2	469.9/475.2	59.8
No valid information		261	19	7	78	30	97	37	96	37	68	26	458.6/463.1	65.3
Ethnicity														
American Indian or Alaska Native		215	49	23	104	48	153	71	58	27	4	2	493.5/502.4	58.1
Black (Not of Hispanic Origin)		9770	392	4	3963	41	4355	45	5163	53	252	3	450.2/457.7	60.3
Asian or Pacific Islander		1258	417	33	535	43	952	76	262	21	44	3	500.7/512.4	79.7
Hispanic		5635	474	8	2878	51	3352	59	2123	38	160	3	470.8/474.8	54.4
White (Not of Hispanic Origin)		57524	15223	26	29067	51	44290	77	12473	22	761	1	500.5/504.3	57.6
Multiracial		3704	587	16	1841	50	2428	66	1205	33	71	2	481.9/485.3	57.7
No valid information		213	14	7	64	30	78	37	77	36	58	27	457.6/462.8	62.9
Migrant		1	***	***	***	***	***	***	***	***	***	***	***/**	***

The cut score at Pass is 463. The cut score at Pass+ is 535.

The Lowest/Highest Scale Score Possible for Science is 200/750.

Subtotal numbers are rounded within each category. Adding subtotals may not result in exactly 100%.

\*\*\* Value not computed for fewer than 10 students

## A Message from Dr. Tony Bennett

Dear Teachers and Administrators,

Our number one priority at the Indiana Department of Education is to see the career preparation and academic achievement of all Indiana students become the best in the country and on par with the most globally competitive countries around the world. In order to do so, we must measure the progress of our students, our schools and our state as a whole.

We have no better measuring stick, perhaps, than the *ISTEP+* assessment. But more than simply telling us where we are, effective interpretation of the results should tell us where to go. The Individual Student Report provides information that helps parents understand their child's academic performance. The class, school and corporation summary reports give teachers and administrators data that should help them develop comprehensive plans to drive improvement. By providing us with an accurate gauge of individual students' strengths and areas of need, *ISTEP+* results help you determine how best to deliver education to your students in a manner befitting their needs and focused on the areas where they need the most attention.

If you have any questions, please don't hesitate to contact my office.

Sincerely,



Dr. Tony Bennett  
Superintendent of Public Instruction

### INDIANA ACADEMIC STANDARDS (CRITERION-REFERENCED INFORMATION)

**Criterion-referenced Test:** A test that reports students' scores relative to a body of information thought to be important to learn (see Indiana Academic Standards).

**Indiana Academic Standards:** The Indiana Academic Standards define three categories of student achievement in English/language arts, mathematics, and science (Pass+, Pass, and Did Not Pass). These levels were defined by the State Board of Education as follows:

Pass+	Meets the passing standard and demonstrates high achievement in the knowledge and skills of the content area.
Pass	Meets the passing standard.
Did Not Pass	Fails to meet the passing standard and in all likelihood will need remedial assistance.

**Indiana Scale Score:** Student achievement levels relative to the Indiana Academic Standards are reported by *ISTEP+* as scale scores in English/language arts, mathematics, and science. These three-digit, equal-interval scores are expressed on unique scales by content area.

**Indiana Performance Index (IPI) Score:** A measure of a student's mastery of the skills tested in a specific content area as defined by the Indiana Academic Standards.

### SUMMARY INFORMATION

**Mean:** Perhaps the most often used "average," the mean is the arithmetic average of a group of scores. It is calculated by adding the scores and dividing the sum by the number of scores.

**Median:** The median is another often used "average." It is defined as the score below which half of the cases fall.

**Mean Scale Score:** The arithmetic average of the scale scores obtained by a group of students.

**Standard Deviation (SD):** A statistic that indicates the amount of variability in a group of scores. When scores are normally distributed (i.e., when they are part of a bell-shaped, "normal" curve), about two-thirds of the scores are within one SD above and below the average (mean) score and about 95% of the scores are within 2 SDs of the mean. In almost any shaped distribution, all scores will be within 5 SDs above or below the mean score.

